

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> 5H-1-46 BTR Uteland Butte			
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> ALTAMONT			
<b>4. TYPE OF WELL</b> Oil Well Coalbed Methane Well: NO						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>			
<b>6. NAME OF OPERATOR</b> BILL BARRETT CORP						<b>7. OPERATOR PHONE</b> 303 312-8164			
<b>8. ADDRESS OF OPERATOR</b> 1099 18th Street Ste 2300, Denver, CO, 80202						<b>9. OPERATOR E-MAIL</b> BHilgers@billbarrettcorp.com			
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> 2OG0005608			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>			
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>			
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b> Uintah and Ouray			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>			

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2666 FNL 286 FWL	NWSW	6	4.0 S	5.0 W	U
Top of Uppermost Producing Zone	2522 FNL 714 FEL	SENE	6	4.0 S	5.0 W	U
At Total Depth	1980 FNL 700 FWL	SWNW	1	4.0 S	6.0 W	U

<b>21. COUNTY</b> DUCHESNE		<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 700		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 640	
		<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 4523		<b>26. PROPOSED DEPTH</b> MD: 11506 TVD: 6743	
<b>27. ELEVATION - GROUND LEVEL</b> 5939		<b>28. BOND NUMBER</b> LPM8874725		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 43-180	

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	26	16	0 - 80	65.0	Unknown	8.8	No Used	0	0.0	0.0
Surf	12.25	9.625	0 - 2500	36.0	J-55 ST&C	8.8	Halliburton Light , Type Unknown	350	3.16	11.0
							Halliburton Premium , Type Unknown	210	1.17	15.8
I1	8.75	7	0 - 7576	23.0	P-110 LT&C	9.2	Unknown	300	3.14	11.0
							Unknown	410	1.42	13.5
L1	6.125	4.5	0 - 11506	11.6	P-110 LT&C	9.5	No Used	0	0.0	0.0

**ATTACHMENTS**

**VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

<b>NAME</b> Venessa Langmacher		<b>TITLE</b> Senior Permit Analyst		<b>PHONE</b> 303 312-8172	
<b>SIGNATURE</b>		<b>DATE</b> 02/02/2012		<b>EMAIL</b> vlangmacher@billbarrettcorp.com	
<b>API NUMBER ASSIGNED</b> 43013512150000		<b>APPROVAL</b> <div style="text-align: center;">             Permit Manager         </div>			

*T4S, R5W, U.S.B.&M.*

BILL BARRETT CORPORATION

N 1/4 Cor. Sec. 1.  
1993 Brass Cap,  
0.3' Above Pile of  
Stones, Steel Post,  
2x2 Wooden Post

1993 Alum. Cap,  
0.5' High, Pile of  
Stones

Well location, UTELAND BUTTE #5H-1-46 BTR (SURFACE LOCATION), located as shown in Lot 6 of Section 6, T4S, R5W, U.S.B.&M., Duchesne County, Utah.

### Section Corner Re-Established Using Double Proportion Method

1993 Alum. Cap,  
0.2' High

$$\frac{T3S}{T4S}$$

## BASIS OF ELEVATION

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M., TAKEN FROM THE DUCHESNE SE, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6097 FEET.

1993 Alum. /  
Cap, 0.6' High,  
Pile of Stones

1993 Alum. Cap,  
1.2' High, Pile of  
Stones

NOTE:  
THE PROPOSED BOTTOM HOLE FOR THIS WELL IS  
LOCATED IN THE SW 1/4 NW 1/4 OF SECTION 1,  
T4S, R6W, U.S.B.&M. AT A DISTANCE OF 1980'  
FNL 700' FWL. IT BEARS N81°42'54"W 4935.96'  
FROM THE PROPOSED WELL HEAD.

UTELAND BUTTE  
#5H-1-46 BTR  
Elev. Ungraded  
Ground = 5939'

2645.72' (Meas)

$$\begin{array}{c|c} R & R \\ 6 & 5 \\ W & W \end{array}$$

1993 Alum. Cap,  
1.0' High, Pile of  
Stones

$N89^{\circ}58'24''E - 2654.01'$  (Meas.)

$N89^{\circ}19'51''E - 2536.72'$  (Meas.)

## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

NAD 83 (SURFACE LOCATION)

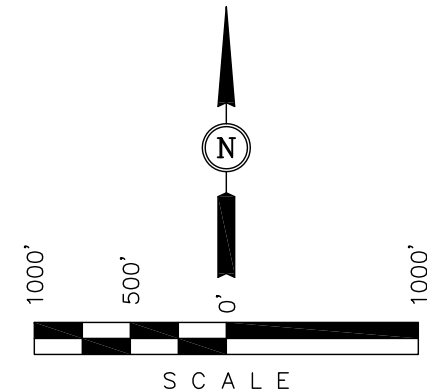
LATITUDE = 40°09'42.81" (40.161892)

LONGITUDE = 110°30'03.62" (110.501006)

NAD 27 (SURFACE LOCATION)

LATITUDE = 40°09'42.96" (40.161933)

LONGITUDE = 110°30'01.06" (110.500294)



# CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

REVISED: 10-13-11  
REVISED: 07-28-11  
REVISED: 04-27-11

UTAH ENGINEERING & LAND SURVEYING  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

LEGEND:

L = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

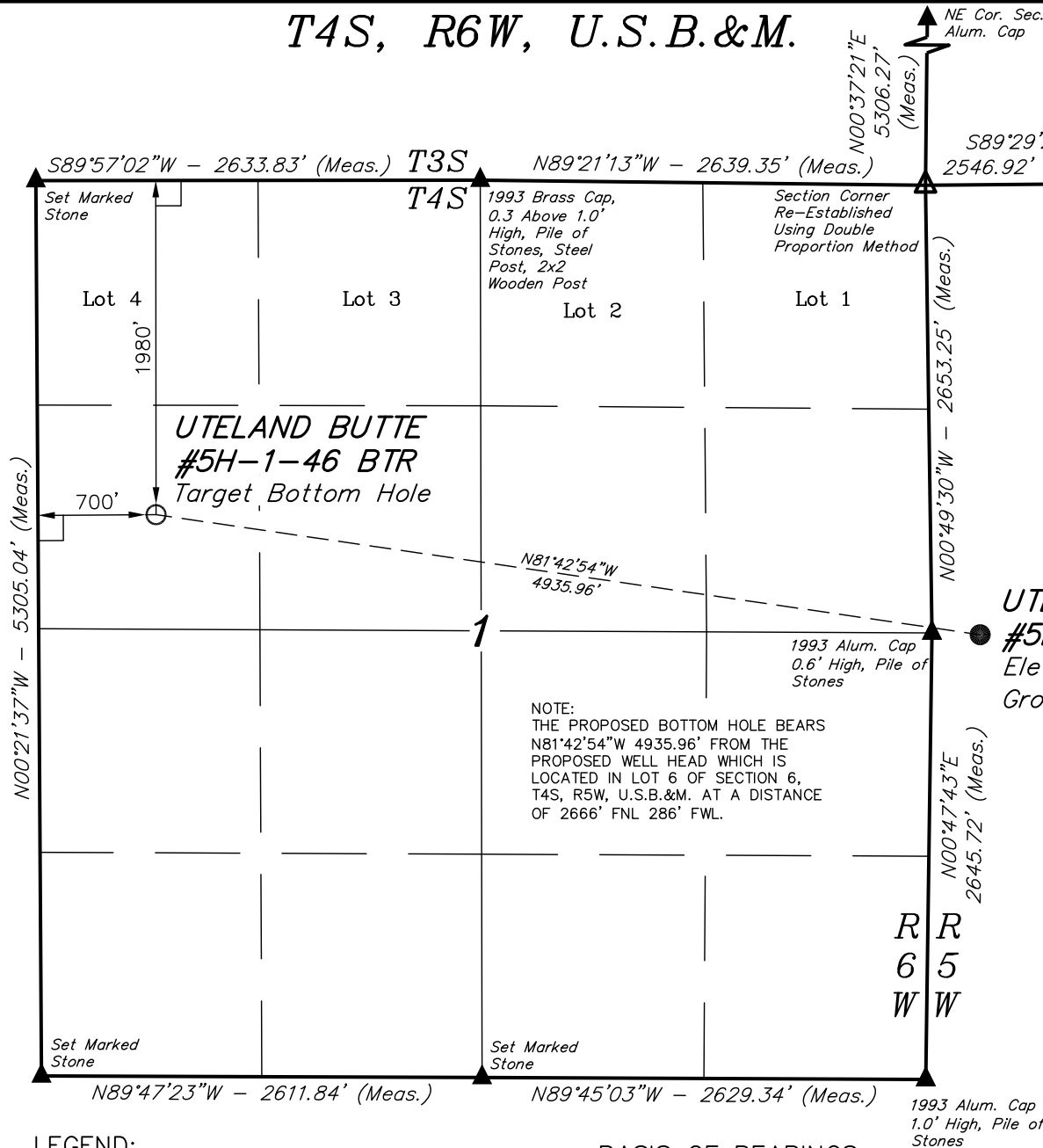
△ = SECTION CORNERS  
RE-ESTABLISHED.  
(Not Set on Ground.)

SCALE 1" = 1000'	DATE SURVEYED: 11-01-10	DATE DRAWN: 12-22-10
PARTY T.A. C.N. S.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE BILL BARRETT CORPORATION	

T4S, R6W, U.S.B.&M.

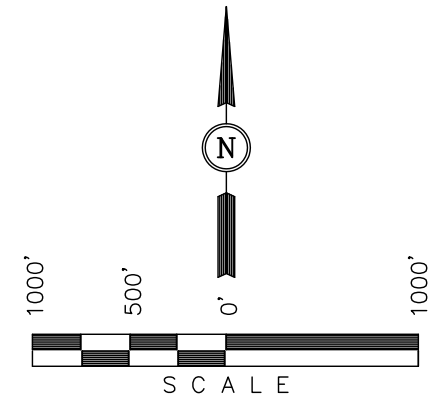
BILL BARRETT CORPORATION

Well location, UTELAND BUTTE #5H-1-46 BTR (TARGET BOTTOM HOLE), located as shown in the SW 1/4 NW 1/4 of Section 1, T4S, R6W, U.S.B.&M., Duchesne County, Utah.



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REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

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- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED.  
(Not Set on Ground.)

### BASIS OF BEARINGS

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NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°09'49.75" (40.163819)
LONGITUDE = 110°31'06.53" (110.518481)
NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°09'49.90" (40.163861)
LONGITUDE = 110°31'03.97" (110.517769)

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-01-10	DATE DRAWN: 10-13-11
PARTY T.A. C.N. S.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE BILL BARRETT CORPORATION	